

IN THE CLAIMS

Please replace claims 1, 4, 11 and 12 with the new versions shown on the following sheets.

*In accordance with 37 C.F.R. § 1.121(c)(ii), marked-up version(s) of the amended claim(s) are provided on separate sheet(s) at the end of this response under the heading of Marked-up Versions of Amended Claims.

a1
SUB
C1
1. (Once Amended) A motor/generator comprising:

a first rotor provided with a plurality of magnetic poles by a magnet;
a second rotor provided with a plurality of magnetic poles by a magnet and a plurality of rotor coils, the first rotor and the second rotor being coaxially disposed and rotating independently from each other; and

a stator provided with a plurality of stator coils applying a rotational force on the first rotor and the second rotor when a composite polyphase alternating current is supplied to the stator coils.

a2
4. (Once amended) The motor/generator as defined in Claim 1, wherein the motor/generator further comprises an exciting circuit which excites a part of the rotor coils by supplying a first exciting current to the part of the rotor coils to vary the ratio of magnetic poles of the first rotor and the second rotor to a ratio other than 1:1.

a3
SUB
C2
11. (Once amended) A motor/generator comprising,

a first rotor provided with a plurality of magnetic poles by a magnet;

a second rotor provided with the same number of magnetic poles as the first rotor by a magnet, the first and second rotors being coaxially disposed and rotatable independently of each other;

a stator provided with a plurality of stator coils applying a rotational force on the first rotor and the second rotor when a composite polyphase alternating current is supplied to the stator coils, and

a device which limits the rotation of the second rotor in a specified direction.

- A3
amended.
12. (Once amended) The motor/generator comprising,
a first rotor provided with a plurality of magnetic poles by a magnet;
a second rotor provided with the same number of magnetic poles as the first rotor by a magnet;
a stator provided with a plurality of stator coils applying a rotational force on the first rotor and the second rotor when a composite polyphase alternating current is supplied to the stator coils, and
a device which limits the rotation of the second rotor in a specified direction, wherein the first rotor is connected to a drive wheel of a vehicle, the second rotor is connected to an engine mounted in the vehicle, and the rotation limitation device comprises a one-way clutch which is interposed between the engine and the second rotor.
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